

April 27, 1981

C
Radium Oil
1633 S. Marsh
Kansas City, Missouri 64126

O
Gentlemen:

On April 21st, 1981 personnel from Springfield's Water Pollution Control Section made an inspection of Radium Oil's property on 1936 E. Blaine Street. It is our understanding that this local facility is still in operation, however most of the equipment and all operating personnel are no longer on site.

P
Our inspectors found Radium's property to be unacceptable as far as the handling of waste oil and oil by-products are concerned. By means of this letter this department is requesting that Radium Oil Company clean up the Springfield facility to an acceptable level.

Y
This property is currently in violation of local ordinances and is also under investigation by the Missouri Department of Natural Resources.

If this office can be of service, please do not hesitate to get in touch with us.

Sincerely,

J. D. Slaughter
Water Pollution Control Inspector II
Surveillance & Enforcement

JDS:js

cc: Robert R. Schaefer, P.E., Superintendent of Sanitary Services
Department of Natural Resources

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CITY OF SPRINGFIELD
INTER-OFFICE MEMORANDUM

ATTENTION OF Memo to File

DATE August 23, 1979

DEPARTMENT Public Works-Water Pollution Control

Mr. Angus contacted this office today in regard to the necessary requirements in setting up a used motor oil pickup business. We informed Mr. Angus of his need for an SPCC Plan. We suggested that he contact Building Regulations to see what requirements that they might have. We also told him that he should contact the Department of Natural Resources to obtain a copy of the "Missouri Hazardous Materials Management Law" and to see if the State had any requirement that we might have missed.

We also inspected the proposed location of his business at 1914 E. Blaine (8-23-79). We informed Mr. Angus of his need to construct some form of barrier to prevent any oil, that was spilled inside of his building from entering the sanitary sewer through the floor grate. Mr. Angus told us that he would contact his engineer and give him all of our suggestions and would get back with us after the plans have been drawn up.

SIGNED


Gene Pabst

Water Pollution Control Inspector III

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July 30, 1981

Mr. Tom Fredrick
Radium Oil
1633 S. Marsh
Kansas City, Missouri 64126

Dear Mr. Fredrick:

In a letter dated April 27, 1981 addressed to you and Radium Oil, the City of Springfield requested that your Springfield property be cleaned up.

As of this date Radium Oil's property on 1936 E. Blaine in Springfield is still in violation of several local ordinances.

I have personally talked to you twice since the first letter was sent, and I was assured that the property in question would be cleaned up in the near future. In the last several weeks I have tried to contact you through your office to no avail, and in each case I left my name and phone number with a request for you to return the call. I have received no return call(s), which leads me to believe that your company is shirking its responsibility.

The lagoon area needs to be skimmed of oil and either drained or fenced. The outside oil sumps need to be cleaned of oil and the oil tanker's valves need to be secured so that they cannot be opened accidentally.

If the requests of this office are not complied with within thirty (30) days, this property will be declared a nuisance through our health ordinances and legal action will be pursued.

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Mr. Tom Fredrick

Page 2

July 30, 1981

If you have any question regarding this situation, do not hesitate to call 417-864-1924.

Sincerely,

J. D. Slaughter
Water Pollution Control Inspector II
Surveillance & Enforcement

JDS:js

cc: Harold Bengsch, Health Dept.
Dwight Rahmeyer, Legal Dept.

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P04 9037028

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO			
Tom Fredrick, Radium Oil			
STREET AND NO.			
1633 S. Marsh			
P.O., STATE AND ZIP CODE			
Kansas City, MO 64126			
POSTAGE			\$
CERTIFIED FEE			c
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	SPECIAL DELIVERY	c
		RESTRICTED DELIVERY	c
		SHOW TO WHOM AND DATE DELIVERED	c
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	c
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	c
RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	c	
	TOTAL POSTAGE AND FEES		\$
POSTMARK OR DATE			

PS Form 3811, Apr. 1977

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" on reverse		
1. The following service is requested (check one). <input checked="" type="checkbox"/> Show to whom and date delivered c <input type="checkbox"/> Show to whom, date, and address of delivery c <input type="checkbox"/> RESTRICTED DELIVERY Show to whom and date delivered c <input type="checkbox"/> RESTRICTED DELIVERY Show to whom, date, and address of delivery \$ (CONSULT POSTMASTER FOR FEES)		
2. ARTICLE ADDRESSED TO: Tom Fredrick Radium Oil 1633 S. Marsh K.C., MO. 64126		
3. ARTICLE DESCRIPTION:		
REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	P04-9037028	
(Always obtain signature of addressee or agent)		
I have received the article described above.		
SIGNATURE <input type="checkbox"/> Addressee <input checked="" type="checkbox"/> Authorized agent		
4. <i>Betty George</i> DATE OF DELIVERY		
AUG 6 1981		
5. ADDRESS (Complete only if required)		
6. UNABLE TO DELIVER BECAUSE:		



CITY OF SPRINGFIELD
INTER-OFFICE MEMORANDUM

ATTENTION OF _____ FILE _____

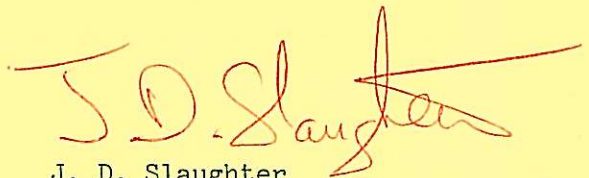
DATE _____ September 28, 1981

DEPARTMENT _____

On September 7, 1981 Gene and I inspected the property at 1936 E. Blaine belonging to Radium Oil to see if they had complied to a letter dated July 30, 1981 regarding clean up of the facility.

The lagoon had been drained of waste oil (which was hauled to Radium's facility in Kansas City for disposal), the tank truck had been moved to the rear of property, and the storage tanks were secured with chains and locks.

All demands of the letter were met except the filling in of the lagoon which is to take place in the near future by the new tenants.



J. D. Slaughter
SIGNED _____ Water Pollution Control Inspector II

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APPENDIX A
PRELIMINARY ASSESSMENT FORM
EPA FORM 2070-12

A1

1936 E. BLAINE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
29

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Southwest Radium Oil		02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER 1914 East Blaine			
03 CITY Springfield	04 STATE MO	05 ZIP CODE 65804	06 COUNTY Greene	07 COUNTY CODE 077	08 CONG DIST 7
09 COORDINATES LATITUDE 37 13 42.2		LONGITUDE -93 15 27.2			
10 DIRECTIONS TO SITE (Starting from nearest public road) One hundred yards east of Glenstone Avenue on the southside of Blaine Street in Northern Springfield.					

III. RESPONSIBLE PARTIES

01 OWNER (if known) Radium Petroleum Co.		02 STREET (Business, mailing, residential) P.O. Box 6206			
03 CITY Kansas City	04 STATE MO	05 ZIP CODE 64126	06 TELEPHONE NUMBER 913 631-3300		
07 OPERATOR (if known and different from owner) Mr. Earl Angus, Manager (formerly)		08 STREET (Business, mailing, residential)			
09 CITY not known	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		
13 TYPE OF OWNERSHIP (Check one): <input checked="" type="checkbox"/> A PRIVATE <input type="checkbox"/> B FEDERAL <input type="checkbox"/> C STATE <input type="checkbox"/> D COUNTY <input type="checkbox"/> E MUNICIPAL <input type="checkbox"/> F OTHER <input type="checkbox"/> G UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check at least one)

☐ A RCRA 3001 DATE RECEIVED MONTH DAY YEAR ☐ B UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED MONTH DAY YEAR ☒ C NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 1 29 86 <input type="checkbox"/> NO		BY (Check at least one): <input type="checkbox"/> A EPA <input type="checkbox"/> B EPA CONTRACTOR <input checked="" type="checkbox"/> C STATE <input type="checkbox"/> D OTHER CONTRACTOR <input type="checkbox"/> E LOCAL HEALTH OFFICIAL <input type="checkbox"/> F OTHER			
CONTRACTOR NAME(S)					

02 SITE STATUS (Check one): <input type="checkbox"/> A ACTIVE <input checked="" type="checkbox"/> B INACTIVE <input type="checkbox"/> C UNKNOWN		03 YEARS OF OPERATION 1980 1983 BEGINNING YEAR ENDING YEAR			
<input type="checkbox"/> UNKNOWN					

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT KNOWN OR ALLEGED

Waste oil - predominantly automotive lube oil but also some industrial oils.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND OR POPULATION

Very slight possibility of groundwater or surface water contamination due to leaching of or migration of oil from site.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one: If high or medium, check and complete Part 2. Waste information and Part 3. Description of hazardous conditions and incidents): <input type="checkbox"/> A HIGH <input type="checkbox"/> B MEDIUM <input type="checkbox"/> C LOW <input checked="" type="checkbox"/> D NONE			
Inspection required promptly Inspection required Inspection time desirable No further action needed. Cumulative current bioassays.			

VI. INFORMATION AVAILABLE FROM

01 CONTACT Mr. Joe Rowe	02 OF Agency Organization Waste Management Program, DNR		03 TELEPHONE NUMBER 314-751-3241	
04 PERSON RESPONSIBLE FOR ASSESSMENT Charles L. Kroeger	05 AGENCY DNR	06 ORGANIZATION SRO	07 TELEPHONE NUMBER 417-883-4033	08 DATE 1-30-86





POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
029

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 OBSERVED (DATE _____) ☒ X POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED 0 04 NARRATIVE DESCRIPTION
Potential shallow groundwater contamination though there are no known private wells in the immediate area.

01 ☒ B. SURFACE WATER CONTAMINATION 02 OBSERVED (DATE _____) ☒ X POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED 0 04 NARRATIVE DESCRIPTION
Potential surface water contamination from leaching of buried waste oil into Jordan Creek.

01 ☐ C. CONTAMINATION OF AIR 02 OBSERVED (DATE _____) ☐ POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 OBSERVED (DATE _____) ☐ POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT 02 OBSERVED (DATE _____) ☐ POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL 02 OBSERVED (DATE _____) ☐ POTENTIAL ☒ X ALLEGED
03 AREA POTENTIALLY AFFECTED 1/4 acre 04 NARRATIVE DESCRIPTION
Soil contaminated by spilled oil was landfarmed on the site.

01 ☐ G. DRINKING WATER CONTAMINATION 02 OBSERVED (DATE _____) ☐ POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ H. WORKER EXPOSURE/INJURY 02 OBSERVED (DATE _____) ☐ POTENTIAL ALLEGED
03 WORKERS POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY 02 OBSERVED (DATE _____) ☐ POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
029

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ K. DAMAGE TO FAUNA 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include names of species)

01 ☐ L. CONTAMINATION OF FOOD CHAIN 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
(Spills, run-off, seeping liquids, leaking drums)
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 0

IV. COMMENTS

Though there is some very slight potential for shallow groundwater and surface water contamination there is not expected to be an effect on any population unless the site is disturbed or the site use is changed.

V. SOURCES OF INFORMATION (Indicate source of information for each hazard identified in Part II)

DNR files and on-site investigation.

ABANDONED/UNCONTROLLED HAZARIOUS WASTE SITE INVESTIGATION FEB 12 1986
PRELIMINARY ASSESSMENT REPORT

'3012' Grant Summary

Southwest Radium Oil
1914 East Blaine
Springfield, MO 65804

- I. INVESTIGATOR: Charles L. Kroeger
Environmental Specialist
Waste Management Unit
Springfield Regional Office
Missouri Department of Natural Resources
- II. DATE INVESTIGATION INITIATED: January 16, 1986
DATE INVESTIGATION COMPLETED: January 30, 1986
- III. BACKGROUND OF THE INVESTIGATION:

The Radium Oil Company received and stored waste oils at the site awaiting shipment to Radium's Kansas City facility. The oils were primarily automotive lubricants but included some industrial product.

Three large above ground tanks were provided for receiving the waste oil however a lagoon or pit was also constructed for catching oil that was spilled in the shop or within the diked area surrounding the storage tanks. Spillage from the loading area outside of the building was also routed to the lagoon via dikes.

The estimated surface area of the lagoon at the operating level was 1,200 square feet.

The site is located at 1914 East Blaine in Springfield, Missouri. The legal description is NE 1/4, SW 1/4, SW 1/4, Section 8, T29N, R21W, Greene County. Latitude is 37° 13'42", longitude is 093° 15'27". From the Glenstone exit of I-44 travel south on Glenstone for 1.5 miles then east on Blaine Street for 0.175 miles.

The area surrounding the site is generally light industrial including auto repair and equipment rental shops, storage areas and an auto salvage yard. Much of the land is vacant with fill material placed in the low areas and demolition material piled up in several nearby areas. The creek which runs along the back of the property is an intermittent stream which was dry on the date of the field inspection. The drainage travels southwest through residential and business areas of town, much of which travels through underground storm sewers. The site is relatively flat with slope of less than 3%.

RADIUM OIL

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Because the site is well within the city limits of Springfield, there is no danger to drinking water supplies as a result of the oil lagoon. The old lagoon site is about 60 yards from the creek so it is doubtful that there would be any danger to the creek.

The annual precipitation for the area is 41 inches with evaporation annually at 40 inches.

IV. CONTACTS DURING INVESTIGATION:

Mr. Gregory Perkins, P.E., Environmental Engineer
Missouri Department of Natural Resources
Springfield Regional Office
1155 East Cherokee
Springfield, MO 65807
(417) 883-4033

Mr. Harvey Tindle, Manager
T & T Truck
1914 East Blaine
Springfield, MO 65803
(417) 862-4449

Mr. Gene Pabst
Springfield Sanitary Services
Department of Public Works
830 Boonville
Springfield, MO 65806

V. BRIEF SUMMARY OF INFORMATION OBTAINED:

The Radium site began receiving waste oil in 1979 as a recycling and collection center prior to transporting to the Radium facility at Kansas City. Initially there were three storage tanks and a lagoon. There was a dike around the loading, unloading and storage areas to catch any spillage.

At sometime in late 1980 or early 1981 Radium Petroleum Company removed most of their equipment and all of the personnel from the site but indicated the facility was still in operation. However in late 1981, the Department of Natural Resources personnel inspected the site and noted that the lagoon had been covered with soil and leveled. According to file memos the oil was pumped out of the lagoon prior to filling but it was not known for certain that any sludge that may have developed had been removed. It was also suspected that contaminated soil was left in the lagoon. Springfield Sanitary Services personnel indicated that they had observed the lagoon when the oil had been removed prior to filling but did not know of any contaminated soil having been removed.

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The lagoon site at present has been dozed over and grass and weeds are covering the area. There is no evidence of oil spillage or seepage in the immediate area or in the creek below. The building is now used as a truck repair shop.

V. DETAILED RECOUNT OF INVESTIGATION:

The Department of Natural Resources' files were reviewed as well as the files kept by the Springfield Sanitary Services Department. There was limited correspondence in all three files but there were memoes regarding the elimination of the oil pit. The memoes made no mention of the contaminated soils having been removed from the sides and bottom of the lagoon, only the oil. Personal recollections by the Department of Natural Resources and Sanitary Services personnel also gave no indication that the contaminated soil was removed.

On January 24, 1986 a field investigation was made of the site. It was noted that the T & T Truck and Auto Body Repair Shop is now housed in the old Radium building. Mr. Harvey Tindle, manager of the shop, indicated the property is still owned by Radium Oil Company of Kansas City, Missouri, but is presently leased to the T & T Company. One of the oil tanks has been removed and the others were emptied and the lagoon has been dozed in and seeded over. A walkover of the site disclosed no evidence of oil surfacing or appearing in or near the creek. No photos were taken as there was nothing but a grassy/weedy field where the lagoon once was.

VI. CONCLUSIONS AND RECOMMENDATIONS:

The investigator determined that the oil from the lagoon was evidently all removed prior to backfilling. There is no indication that the stained soil was removed and no reason to believe there was a large deposit of sludge left in the lagoon. The Springfield Sanitary Services personnel were satisfied that adequate oil removal had taken place prior to filling according to their files (copy attached).

It is therefore felt that since there appears to be little or no environmental concern at the site, no further action is warranted or necessary and that this site be removed from the Federal ERRIS list if indeed it is on it.

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VII. SIGNATURES:

Prepared by:

Charles L. Kroeger

Charles L. Kroeger
Chief, Waste Management Unit
Springfield Regional Office

1-31-86
Date

Approved by:

John R. Nixon

John R. Nixon, P.E.
Regional Administrator
Springfield Regional Office

1-31-86
Date

IX. LIST OF ATTACHMENTS:

1. EPA form 2070-12
2. Topography map showing site location (photocopy)
3. Copy of 9-28-81 memorandum from City of Springfield file
4. Copy of Radium Oil plant layout
5. Copy of June 6, 1980 memorandum from DNR file

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